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## SEQUENCE LISTING

<110> Cytomatrix, LLC  
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<120> METHODS FOR PRODUCTION OF REGULATORY T CELLS AND USES THEREOF

<130> C1005.70014WO00

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<141> 2005-03-29

<150> US 60/557,669

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<160> 58

<170> PatentIn version 3.3

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<220>

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Glu Ala Asp Pro Thr Gly His Ser Tyr  
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<223> Homo sapiens source

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Ser Ala Tyr Gly Glu Pro Arg Lys Leu  
1 5

<210> 3

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Homo sapiens source

<400> 3

Glu Val Asp Pro Ile Gly His Leu Tyr  
1 5

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<220>  
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<400> 4

Phe Leu Trp Gly Pro Arg Ala Leu Val  
1 5

<210> 5  
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<212> PRT  
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<223> Homo sapiens source

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Met Glu Val Asp Pro Ile Gly His Leu Tyr  
1 5 10

<210> 6  
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<400> 6

Lys Ile Ser Gly Gly Pro Arg Ile Ser Tyr Pro Leu  
1 5 10

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<400> 7

Ala Leu Ser Arg Lys Val Ala Glu Leu  
1 5

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<212> PRT  
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<220>

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<223> Homo sapiens source

<400> 8

Ala Ala Arg Ala Val Phe Leu Ala Leu  
1 5

<210> 9

<211> 8

<212> PRT

<213> Artificial sequence

<220>

<223> Homo sapiens source

<400> 9

Tyr Arg Pro Arg Pro Arg Arg Tyr  
1 5

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<220>

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<400> 10

Ser Pro Ser Ser Asn Arg Ile Arg Asn Thr  
1 5 10

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<223> Homo sapiens source

<400> 11

Val Leu Pro Asp Val Phe Ile Arg Cys  
1 5

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<212> PRT

<213> Artificial sequence

<220>

<223> Homo sapiens source

<400> 12

Glu Glu Lys Leu Ile Val Val Leu Phe  
1 5

- 4 -

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<213> Artificial sequence

<220>  
<223> Homo sapiens source

<400> 13

Glu Glu Lys Leu Ser Val Val Leu Phe  
1 5

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<220>  
<223> Homo sapiens source

<400> 14

Ala Cys Asp Pro His Ser Gly His Phe Val  
1 5 10

<210> 15  
<211> 10  
<212> PRT  
<213> Artificial sequence

<220>  
<223> Homo sapiens source

<400> 15

Ala Arg Asp Pro His Ser Gly His Phe Val  
1 5 10

<210> 16  
<211> 9  
<212> PRT  
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<220>  
<223> Homo sapiens source

<400> 16

Ser Tyr Leu Asp Ser Gly Ile His Phe  
1 5

<210> 17  
<211> 9  
<212> PRT  
<213> Artificial sequence

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&lt;220&gt;

&lt;223&gt; Homo sapiens source

&lt;400&gt; 17

Ser Tyr Leu Asp Ser Gly Ile His Ser  
1 5

&lt;210&gt; 18

&lt;211&gt; 9

&lt;212&gt; PRT

&lt;213&gt; Artificial sequence

&lt;220&gt;

&lt;223&gt; Homo sapiens source

&lt;400&gt; 18

Met Leu Leu Ala Val Leu Tyr Cys Leu  
1 5

&lt;210&gt; 19

&lt;211&gt; 9

&lt;212&gt; PRT

&lt;213&gt; Artificial sequence

&lt;220&gt;

&lt;223&gt; Homo sapiens source

&lt;400&gt; 19

Tyr Met Asn Gly Thr Met Ser Gln Val  
1 5

&lt;210&gt; 20

&lt;211&gt; 9

&lt;212&gt; PRT

&lt;213&gt; Artificial sequence

&lt;220&gt;

&lt;223&gt; Homo sapiens source

&lt;400&gt; 20

Tyr Met Asp Gly Thr Met Ser Gln Val  
1 5

&lt;210&gt; 21

&lt;211&gt; 9

&lt;212&gt; PRT

&lt;213&gt; Artificial sequence

&lt;220&gt;

&lt;223&gt; Homo sapiens source

&lt;400&gt; 21

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Ala Phe Leu Pro Trp His Arg Leu Phe  
1 5

<210> 22  
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<212> PRT  
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<220>  
<223> Homo sapiens source

<400> 22

Ser Glu Ile Trp Arg Asp Ile Asp Phe  
1 5

<210> 23  
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<223> Homo sapiens source

<400> 23

Tyr Glu Ile Trp Arg Asp Ile Asp Phe  
1 5

<210> 24  
<211> 15  
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<400> 24

Gln Asn Ile Leu Leu Ser Asn Ala Pro Leu Gly Pro Gln Phe Pro  
1 5 10 15

<210> 25  
<211> 15  
<212> PRT  
<213> Artificial sequence

<220>  
<223> Homo sapiens source

<400> 25

Asp Tyr Ser Tyr Leu Gln Asp Ser Asp Pro Asp Ser Phe Gln Asp  
1 5 10 15

<210> 26  
<211> 9

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<212> PRT  
<213> Artificial sequence

<220>  
<223> Homo sapiens source

<400> 26

Ile Leu Thr Val Ile Leu Gly Val Leu  
1 5

<210> 27  
<211> 9  
<212> PRT  
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<223> Homo sapiens source

<400> 27

Lys Thr Trp Gly Gln Tyr Trp Gln Val  
1 5

<210> 28  
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<213> Artificial sequence

<220>  
<223> Homo sapiens source

<400> 28

Ile Thr Asp Gln Val Pro Phe Ser Val  
1 5

<210> 29  
<211> 9  
<212> PRT  
<213> Artificial sequence

<220>  
<223> Homo sapiens source

<400> 29

Tyr Leu Glu Pro Gly Pro Val Thr Ala  
1 5

<210> 30  
<211> 10  
<212> PRT  
<213> Artificial sequence

<220>  
<223> Homo sapiens source

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&lt;400&gt; 30

Leu Leu Asp Gly Thr Ala Thr Leu Arg Leu  
1 5 10

&lt;210&gt; 31

&lt;211&gt; 10

&lt;212&gt; PRT

&lt;213&gt; Artificial sequence

&lt;220&gt;

&lt;223&gt; Homo sapiens source

&lt;400&gt; 31

Val Leu Tyr Arg Tyr Gly Ser Phe Ser Val  
1 5 10

&lt;210&gt; 32

&lt;211&gt; 9

&lt;212&gt; PRT

&lt;213&gt; Artificial sequence

&lt;220&gt;

&lt;223&gt; Homo sapiens source

&lt;400&gt; 32

Leu Tyr Val Asp Ser Leu Phe Phe Leu  
1 5

&lt;210&gt; 33

&lt;211&gt; 11

&lt;212&gt; PRT

&lt;213&gt; Artificial sequence

&lt;220&gt;

&lt;223&gt; Homo sapiens source

&lt;400&gt; 33

Ser Leu Leu Met Trp Ile Thr Gln Cys Phe Leu  
1 5 10

&lt;210&gt; 34

&lt;211&gt; 9

&lt;212&gt; PRT

&lt;213&gt; Artificial sequence

&lt;220&gt;

&lt;223&gt; Homo sapiens source

&lt;400&gt; 34

Ser Leu Leu Met Trp Ile Thr Gln Cys  
1 5



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<210> 35  
<211> 9  
<212> PRT  
<213> Artificial sequence

<220>  
<223> Homo sapiens source

<400> 35

Gln Leu Ser Leu Leu Met Trp Ile Thr  
1 5

<210> 36  
<211> 18  
<212> PRT  
<213> Artificial sequence

<220>  
<223> Homo sapiens source

<400> 36

His Leu Tyr Gln Gly Cys Gln Val Val Pro Leu Thr Ser Ile Ile Ser  
1 5 10 15

Ala Val

<210> 37  
<211> 9  
<212> PRT  
<213> Artificial sequence

<220>  
<223> Homo sapiens source

<400> 37

Leu Leu Gly Arg Asn Ser Phe Glu Val  
1 5

<210> 38  
<211> 15  
<212> PRT  
<213> Artificial sequence

<220>  
<223> Rubella virus source

<400> 38

Trp Val Thr Pro Val Ile Gly Ser Gln Ala Arg Lys Cys Gly Leu  
1 5 10 15

<210> 39  
<211> 8

- 10 -

<212> PRT  
<213> Artificial sequence

<220>  
<223> Rubella virus source

<400> 39

Arg Val Ile Asp Pro Ala Ala Gln  
1 5

<210> 40  
<211> 15  
<212> PRT  
<213> Artificial sequence

<220>  
<223> Measles virus source

<400> 40

His Gln Ala Leu Val Ile Lys Leu Met Pro Asn Ile Thr Leu Leu  
1 5 10 15

<210> 41  
<211> 9  
<212> PRT  
<213> Artificial sequence

<220>  
<223> Papilloma source

<400> 41

Arg Leu Cys Val Gln Ser Thr His Val  
1 5

<210> 42  
<211> 9  
<212> PRT  
<213> Artificial sequence

<220>  
<223> Papilloma source

<400> 42

Tyr Val Arg Asp Gly Asn Pro Tyr Ala  
1 5

<210> 43  
<211> 10  
<212> PRT  
<213> Artificial sequence

<220>  
<223> Papilloma source

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&lt;400&gt; 43

Gly	Tyr	Asn	Lys	Pro	Leu	Cys	Asp	Leu	Leu
1				5					10

&lt;210&gt; 44

&lt;211&gt; 12

&lt;212&gt; PRT

&lt;213&gt; Artificial sequence

&lt;220&gt;

&lt;223&gt; Influenza source

&lt;400&gt; 44

Lys	Gly	Ile	Leu	Gly	Phe	Val	Phe	Thr	Leu	Thr	Val
1				5					10		

&lt;210&gt; 45

&lt;211&gt; 13

&lt;212&gt; PRT

&lt;213&gt; Artificial sequence

&lt;220&gt;

&lt;223&gt; Influenza source

&lt;400&gt; 45

Glu	Lys	Tyr	Val	Lys	Gln	Asn	Thr	Leu	Lys	Leu	Ala	Thr
1				5					10			

&lt;210&gt; 46

&lt;211&gt; 9

&lt;212&gt; PRT

&lt;213&gt; Artificial sequence

&lt;220&gt;

&lt;223&gt; Hepatitis B source

&lt;400&gt; 46

Trp	Leu	Ser	Leu	Leu	Val	Pro	Phe	Val
1				5				

&lt;210&gt; 47

&lt;211&gt; 9

&lt;212&gt; PRT

&lt;213&gt; Artificial sequence

&lt;220&gt;

&lt;223&gt; Hepatitis B source

&lt;400&gt; 47

Phe	Leu	Gly	Gly	Thr	Thr	Val	Cys	Leu
1				5				

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<210> 48  
<211> 9  
<212> PRT  
<213> Artificial sequence

<220>  
<223> Hepatitis C source

<400> 48

Tyr Leu Val Ala Tyr Gln Ala Thr Val  
1 5

<210> 49  
<211> 9  
<212> PRT  
<213> Artificial sequence

<220>  
<223> Hepatitis C source

<400> 49

Gly Leu Arg Asp Leu Ala Val Ala Val  
1 5

<210> 50  
<211> 14  
<212> PRT  
<213> Artificial sequence

<220>  
<223> Hepatitis C source

<400> 50

Gly Tyr Lys Val Leu Val Leu Asn Pro Ser Val Ala Ala Thr  
1 5 10

<210> 51  
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<212> PRT  
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<220>  
<223> Hepatitis C source

<400> 51

Lys Leu Val Ala Leu Gly Ile Asn Ala Val  
1 5 10

<210> 52  
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&lt;223&gt; Tetanus source

&lt;400&gt; 52

Gln	Tyr	Ile	Lys	Ala	Asn	Ser	Lys	Phe	Ile	Gly	Ile	Tyr	Gln	Leu
1				5					10					15

&lt;210&gt; 53

&lt;211&gt; 15

&lt;212&gt; PRT

&lt;213&gt; Artificial sequence

&lt;220&gt;

&lt;223&gt; Homo sapiens source

&lt;400&gt; 53

Thr	Tyr	Glu	Leu	Ala	Pro	Val	Phe	Val	Leu	Leu	Glu	Tyr	Val	Thr
1				5					10					15

&lt;210&gt; 54

&lt;211&gt; 15

&lt;212&gt; PRT

&lt;213&gt; Artificial sequence

&lt;220&gt;

&lt;223&gt; Homo sapiens source

&lt;400&gt; 54

Leu	Lys	Lys	Met	Arg	Phe	Ile	Ile	Gly	Trp	Pro	Gly	Gly	Ser	Gly
1				5					10					15

&lt;210&gt; 55

&lt;211&gt; 15

&lt;212&gt; PRT

&lt;213&gt; Artificial sequence

&lt;220&gt;

&lt;223&gt; Homo sapiens source

&lt;400&gt; 55

Lys	Lys	Gly	Ala	Ala	Ala	Ile	Gly	Ile	Gly	Thr	Asp	Ser	Val	Ile
1				5					10					15

&lt;210&gt; 56

&lt;211&gt; 15

&lt;212&gt; PRT

&lt;213&gt; Artificial sequence

&lt;220&gt;

&lt;223&gt; Homo sapiens source

&lt;400&gt; 56

Pro	Leu	Gln	Cys	Ser	Ala	Leu	Leu	Val	Arg	Glu	Glu	Gly	Leu	Met
1				5					10					15

- 14 -

<210> 57  
<211> 15  
<212> PRT  
<213> Artificial sequence

<220>  
<223> Homo sapiens source

<400> 57

Trp	Leu	Met	Trp	Arg	Ala	Lys	Gly	Thr	Thr	Gly	Phe	Glu	Ala	His
1				5					10					15

<210> 58  
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<212> PRT  
<213> Artificial sequence

<220>  
<223> Homo sapiens source

<400> 58

Val	Ile	Val	Met	Leu	Thr	Pro	Leu	Val	Glu	Asp	Gly	Val	Lys	Gln	Cys
1				5					10					15	